

Serial Number: 10/026,914

CRF Processing Date: 7/31/2002  
 Edited by: [Signature]  
 Verified by: [Signature] (STIC staff)

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_



OIPE

## RAW SEQUENCE LISTING

DATE: 07/31/2002

PATENT APPLICATION: US/10/026,914

TIME: 19:59:35

Input Set : N:\Crf3\07252002\J026914.raw

Output Set: N:\CRF3\07312002\J026914.raw

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1 <110> APPLICANT: SHAN-Beteiligungsgesellschaft m.b.H.
2 <120> TITLE OF INVENTION: Allergy vaccines containing hybrid polypeptides
3 <130> FILE REFERENCE: Allergy vaccines containing hybrid polypeptides
4 <140> CURRENT APPLICATION NUMBER: US/10/026,914
5 <141> CURRENT FILING DATE: 2002-07-10
W--> 6 <150> PRIOR APPLICATION NUMBER:
W--> 7 <151> PRIOR FILING DATE:
8 <160> NUMBER OF SEQ ID NOS: 18
9 <170> SOFTWARE: PADAT Sequenzmodul, Version 1.0
11 <210> SEQ ID NO: 1
12 <211> LENGTH: 27
13 <212> TYPE: DNA
14 <213> ORGANISM: artificial sequence
15 <220> FEATURE:
16 <223> OTHER INFORMATION: primer
17 <400> SEQUENCE: 1
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21 <211> LENGTH: 27
22 <212> TYPE: DNA
23 <213> ORGANISM: artificial sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: primer
26 <400> SEQUENCE: 2
27      cgggggtaccg actttgtagc caccagt      27
29 <210> SEQ ID NO: 3
30 <211> LENGTH: 27
31 <212> TYPE: DNA
32 <213> ORGANISM: artificial sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: primer
35 <400> SEQUENCE: 3
36      cgggggtacca tgatccccaa ggttccc      27
38 <210> SEQ ID NO: 4
39 <211> LENGTH: 47
40 <212> TYPE: DNA
41 <213> ORGANISM: artificial sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: primer
44 <400> SEQUENCE: 4
45      cgggatactc agtgggtggtg gtgggtggtgc ttggactcgt agctggt      47
47 <210> SEQ ID NO: 5
48 <211> LENGTH: 27

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Output Set: N:\CRF3\07312002\J026914.raw

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51 <220> FEATURE:
52 <223> OTHER INFORMATION: primer
53 <400> SEQUENCE: 5
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56 <210> SEQ ID NO: 6
57 <211> LENGTH: 39
58 <212> TYPE: DNA
59 <213> ORGANISM: artificial sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: primer
62 <400> SEQUENCE: 6
63      cgtggccttc cccataagct tctcttctgg cgcgtaggt      39
65 <210> SEQ ID NO: 7
66 <211> LENGTH: 24
67 <212> TYPE: DNA
68 <213> ORGANISM: artificial sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: primer
71 <400> SEQUENCE: 7
72      aagcttatgg ggaaggccac gacc                24
74 <210> SEQ ID NO: 8
75 <211> LENGTH: 46
76 <212> TYPE: DNA
77 <213> ORGANISM: artificial sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: primer
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81      cgggatccta gtggtggtgg tgggtggtgcg cgccgggctt gacagc      46
83 <210> SEQ ID NO: 9
84 <211> LENGTH: 27
85 <212> TYPE: DNA
86 <213> ORGANISM: artificial sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: primer
89 <400> SEQUENCE: 9
90      ggaattcata tgggtgccgaa ggtgacg                27
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93 <211> LENGTH: 46
94 <212> TYPE: DNA
95 <213> ORGANISM: artificial sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: primer
98 <400> SEQUENCE: 10
99      cgggatccta gtggtggtgg tgggtggtgcg cgccgggctt gacagc      46
101 <210> SEQ ID NO: 11
102 <211> LENGTH: 30
103 <212> TYPE: DNA

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Input Set : N:\Crf3\07252002\J026914.raw

Output Set: N:\CRF3\07312002\J026914.raw

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111 <211> LENGTH: 39
112 <212> TYPE: DNA
113 <213> ORGANISM: artificial sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: primer
116 <400> SEQUENCE: 12
117      caccttcggc accataagct tcgcgccggg cttgacagc          39
119 <210> SEQ ID NO: 13
120 <211> LENGTH: 24
121 <212> TYPE: DNA
122 <213> ORGANISM: artificial sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: primer
125 <400> SEQUENCE: 13
126      aagcttatgg tgccgaaggc gacg          24
128 <210> SEQ ID NO: 14
129 <211> LENGTH: 46
130 <212> TYPE: DNA
131 <213> ORGANISM: artificial sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: primer
134 <400> SEQUENCE: 14
135      cgggataccta gtggtggtgg tgggtggtgct cttctggcgc gtaggt          46
137 <210> SEQ ID NO: 15
138 <211> LENGTH: 30
139 <212> TYPE: DNA
140 <213> ORGANISM: artificial sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: primer
143 <400> SEQUENCE: 15
144      ggaattcata tggggaaggc cacgaccgag          30
146 <210> SEQ ID NO: 16
147 <211> LENGTH: 46
148 <212> TYPE: DNA
149 <213> ORGANISM: artificial sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: primer
152 <400> SEQUENCE: 16
153      cgggataccta gtggtggtgg tgggtggtgct cttctggcgc gtaggt          46
155 <210> SEQ ID NO: 17
156 <211> LENGTH: 30
157 <212> TYPE: DNA
158 <213> ORGANISM: artificial sequence

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TIME: 19:59:35

Input Set : N:\Crf3\07252002\J026914.raw

Output Set: N:\CRF3\07312002\J026914.raw

159 <220> FEATURE:  
160 <223> OTHER INFORMATION: primer  
161 <400> SEQUENCE: 17  
162 ggaattcata tggggaaggc cacgaccgag 30  
164 <210> SEQ ID NO: 18  
165 <211> LENGTH: 31  
166 <212> TYPE: DNA  
167 <213> ORGANISM: artificial sequence  
168 <220> FEATURE:  
169 <223> OTHER INFORMATION: primer  
170 <400> SEQUENCE: 18  
171 gggatttcca tatgctcttc tggcgcgtag g 31

## VERIFICATION SUMMARY

DATE: 07/31/2002

PATENT APPLICATION: US/10/026,914

TIME: 19:59:36

Input Set : N:\Crf3\07252002\J026914.raw

Output Set: N:\CRF3\07312002\J026914.raw

L:6 M:256 W: Invalid Numeric Header Field, &lt;150&gt; PRIOR APPLICATION NUMBER:

L:7 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD